

Amendment and Response Under 37 CFR 1.116

Applicant: Steven W. Trovinger

Serial No.: 10/621,438

Filed: July 18, 2003

Docket No.: 100110105-1/H304.208.101

Title: METHOD AND DEVICE FOR TRIMMING SHEET MATERIAL**RECEIVED
CENTRAL FAX CENTER****AUG 24 2006****IN THE CLAIMS****Amendments to the Claims****This listing of claims will replace all prior versions, and listings, of the claims:**

1. (Currently Amended) A sheet material trimming apparatus, comprising:
 - a first cutter arranged to trim an edge of a sheet material in a first direction;
 - a second cutter arranged to trim an edge of the sheet material in a second direction different from the first direction; and
 - a drive system having a drive roller for advancing the sheet material in the first direction by rotation of the drive roller and for translating the sheet material in the second direction by translation of the drive roller, wherein the drive roller is mounted on a drive shaft, and wherein rotation and translation of the drive roller are directly caused by rotation of the drive shaft ~~acts to both rotate and translate the drive roller.~~
2. (Withdrawn) The apparatus of Claim 1, wherein the first cutter includes a rotary blade movable in the first direction.
3. (Withdrawn) The apparatus of Claim 1, wherein the second cutter includes a rotary blade movable in the second direction, and the second direction is perpendicular to the first direction.
4. (Withdrawn) The apparatus of Claim 1, comprising a third cutter arranged parallel to the first cutter, the first and third cutters arranged to trim opposite sides of the sheet material.
5. (Withdrawn) The apparatus of Claim 4, comprising a fourth cutter parallel to the second cutter, the second and fourth cutters arranged to trim opposite sides of the sheet material.
6. (Canceled)

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7. (Previously Presented) The apparatus of Claim 1, comprising an engage mechanism having a first position and a second position, and wherein rotation of the drive shaft with the engage mechanism at the first position causes the drive roller to rotate, and rotation of the drive shaft with the engage mechanism at the second position causes the drive roller to translate.

8. (Currently Amended) The apparatus of Claim 4, comprising a stopper which prevents rotation of the drive roller when the engage mechanism is in the second position.

9. (Withdrawn) The apparatus of Claim 6, comprising a lock which locks the drive roller to the drive shaft when the engage mechanism is in the first position.

10. (Currently Amended) The apparatus of Claim 4, wherein the engage mechanism is rotatable from the first position to the second position.

11. (Previously Presented) The apparatus of Claim 1, wherein the drive shaft includes an external thread and the drive roller includes an internal thread engaging member which slides in the external thread.

12. (Currently Amended) An apparatus for trimming sheet material, comprising:
cutting means for trimming a first edge and a second edge of a sheet material in a first direction and a second direction; and
drive means for moving the sheet material in two perpendicular directions for trimming the first and second edges with the cutting means, the drive means moving the sheet material in two perpendicular directions by rotating and translating a roller, wherein the roller is mounted on a threaded drive shaft, and wherein rotation and translation of the drive roller are directly caused by rotation of the drive shaft acts to both rotate and translate the roller.

13. (Canceled)

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14. (Currently Amended) The apparatus of Claim 12, comprising an engage means mechanism having a first position and a second position, and wherein rotation of the drive shaft with the engage mechanism at the first position causes the drive roller to rotate, and rotation of the drive shaft with the engage mechanism at the second position causes the drive roller to translate.

15. (Previously Presented) The apparatus of Claim 14, comprising stop means for preventing rotation of the drive roller when the roller is translating.

16. (Withdrawn) The apparatus of Claim 13, comprising lock means for locking the drive roller to the draft shaft when the engage mechanism is at the first position.

17. (Withdrawn) The apparatus of Claim 12, wherein the cutting means includes first and second perpendicular cutters.

18. (Canceled)

19. (Canceled)

20. (Currently Amended) A booklet making system for assembling plural sheets into a bound stack, comprising:

a drive system for advancing sheet material in a first direction by rotation of a drive roller and for translating the sheet material in a second direction different from the first direction by translation of the drive roller, wherein the drive roller is mounted on a drive shaft, and wherein rotation and translation of the drive roller are directly caused by rotation of the drive shaft ~~acts to both rotate and translate the drive roller;~~

a sheet material trimming apparatus for receiving the sheet material advanced by the drive system, the sheet material trimming apparatus including a first cutter arranged to trim an edge of a sheet material in a the first direction; and

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a second cutter arranged to trim an edge of the sheet material in ~~a~~the second direction different from the first direction, and wherein the drive system is configured to translate the sheet material in a second direction by translation of the drive roller.

21. (Withdrawn) The system of Claim 20, wherein the first cutter includes a rotary blade movable in the first direction.

22. (Withdrawn) The system of Claim 20, wherein the second cutter includes a rotary blade movable in the second direction, and the second direction is perpendicular to the first direction.

23. (Withdrawn) The system of claim 20, comprising a third cutter arranged parallel to the first cutter, the first and third cutters arranged to trim opposite sides of the sheet material.

24. (Withdrawn) The system of claim 23, comprising a fourth cutter parallel to the second cutter, the second and fourth cutters arranged to trim opposite sides of the sheet material.

25. (Canceled)

26. (Previously Presented) The system of claim 20, comprising an engage mechanism having a first position and a second position, and wherein rotation of the drive shaft with the engage mechanism at the first position causes the drive roller to rotate, and rotation of the drive shaft with the engage mechanism at the second position causes the drive roller to translate.